

# Technology leaflet: Sorghum variety CSM 415

From the Cinzana Research Station, Mali

## Origin

variety (CSM-415) of Guinea type originating from Mali

## Morphologic features

*Plant height* 2.0 m *Tillering* moderate *Ear form* pendant (goose-neck) *Ear exertion* good *Ear compaction* loose *Seed coat tannin* absent *Grain color* cream white *Grain weight* 30 g per 1000 grains

## Agronomic features

*Time to maturity* 115 days *Daylength response* slightly sensitive *Seedling vigor* good

## Processing features

*Endosperm* vitreous *Consistency* tô good *Color* tô light gray

## Susceptibility

*Diseases* resistant to charcoal rot, tolerant to long smut and grain mould *Pests* tolerant *Weeds* tolerant to Striga

## Performance

*Potential yield* 2.0 t/ha *Farmer's yield* 1.6 t/ha

## Application

area with annual rainfall between 600 and 800 mm

## Recommended practices

*Sowing* optimum sowing period: 25 June - 5 July, sowing at 0.75 x 0.50 m (15 kg/ha),

thinning at 1 or 2 plants per hole (26,700 pl/ha)

*Fertilization* 100 kg/ha bulk fertilizer (15-15-15)

at sowing and 50 kg/ha urea at thinning